

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

F1_M3

C Number: C99031

Lock Date: 05/05/2008

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.3.1

PWG Approval Date: NONE

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Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST	males (cont...)																										
		0 4 8 2	0 7 2 1	0 7 2 7	0 6 2 4	0 7 0 7	0 6 6 6	0 7 2 6	0 7 1 1	0 5 2 7	0 7 2 4	0 7 2 6	0 7 2 7															
0 mg/kg	ANIMAL ID	0 0 0 0 0 1	0 0 0 0 0 2	0 0 0 0 0 3	0 0 0 0 0 4	0 0 0 0 0 5	0 0 0 0 0 6	0 0 0 0 0 7	0 0 0 0 0 8	0 0 0 0 0 9	0 0 0 0 0 0	0 0 0 0 0 1	0 0 0 0 0 2	0 0 0 0 0 3	0 0 0 0 0 4	0 0 0 0 0 5	0 0 0 0 0 6	0 0 0 0 0 7	0 0 0 0 0 8	0 0 0 0 0 9	0 0 0 0 0 0	0 0 0 0 0 1	0 0 0 0 0 2	0 0 0 0 0 3	0 0 0 0 0 4			
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Tooth		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
CARDIOVASCULAR SYSTEM																												
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	
Hemangiosarcoma, Metastatic, Liver																												
ENDOCRINE SYSTEM																												
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcapsular, Adenoma																												
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																												
Parathyroid Gland		+	+	+	+	+	+	M	M	+	+	M	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	

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Ginkgo biloba extract

CAS Number: 90045-36-0

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ALIMENTARY SYSTEM

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST																									* TOTALS	
		0 7 2 7	0 7 2 6	0 7 2 7																							
0 mg/kg	ANIMAL ID	0 0 0 0 2 6	0 0 0 0 2 7	0 0 0 0 3 9	0 0 0 0 3 0	0 0 0 0 3 1	0 0 0 0 3 2	0 0 0 0 3 3	0 0 0 0 3 4	0 0 0 0 3 5	0 0 0 0 3 6	0 0 0 0 3 7	0 0 0 0 3 8	0 0 0 0 3 9	0 0 0 0 4 0	0 0 0 0 4 1	0 0 0 0 4 2	0 0 0 0 4 3	0 0 0 0 4 4	0 0 0 0 4 5	0 0 0 0 4 6	0 0 0 0 4 7	0 0 0 0 4 8	0 0 0 0 4 9	0 0 0 0 5 0		
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tooth		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
CARDIOVASCULAR SYSTEM																											
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hemangiosarcoma, Metastatic, Liver																											1
ENDOCRINE SYSTEM																											
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Subcapsular, Adenoma																											1
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																											1
Parathyroid Gland		+	+	M	+	+	+	+	+	+	+	+	M	M	+	+	M	M	+	M	M	+	M	M	+	36	
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	

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Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

SPECIAL SENSES SYSTEM

Ear		1
Eye	+	50
Harderian Gland	+	50
Adenoma	X	4
Carcinoma	X	3

URINARY SYSTEM

SYSTEMIC LESIONS

* .. Total animals with tissue examined microscopically; Total animals with tumor

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ALIMENTARY SYSTEM

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Lab: BAT

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

X .. Lesion present

BLANK .. Not examined microscopically

I. Insufficient tissue

~~DE WIT NOT EXAMINED UNDERSPECIMEN~~

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Lab: BAT

Urethra

+

Urinary Bladder Hemangiosarcoma

SYSTEMIC LESIONS

Multiple Organ Lymphoma Malignant

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Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST																					* TOTALS
		0 6 7 4	0 3 1 4	0 7 2 6	0 7 2 7	0 7 2 6	0 5 6 5	0 7 2 6	0 5 6 5	0 7 2 7	0 7 2 6	0 7 2 7	0 7 2 6	0 7 2 7	0 5 5 5	0 7 2 7	0 7 2 6	0 7 2 7	0 7 2 7	0 7 2 7		
200 mg/kg	ANIMAL ID	0 0 0 0 7 6	0 0 0 0 7 7	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 9 9												
Ito Cell Tumor Benign																						1
Mesentery																						6
Hepatoblastoma, Metastatic, Liver																						2
Pancreas																						50
Hepatoblastoma, Metastatic, Liver																						1
Salivary Glands																						50
Hemangiosarcoma																						1
Stomach, Forestomach																						50
Squamous Cell Papilloma																						2
Stomach, Glandular																						50
Tooth																						50
CARDIOVASCULAR SYSTEM																						
Blood Vessel																						50
Heart																						50
Hemangiosarcoma, Metastatic, Liver																						1
Hepatoblastoma, Metastatic, Liver																						1
ENDOCRINE SYSTEM																						
Adrenal Cortex																						50
Subcapsular, Adenoma																						3

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Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST																											* TOTALS		
		0 6 7 4	0 3 1 4	0 7 2 6	0 7 2 7	0 7 2 6	0 5 6 5	0 7 2 6	0 5 6 5	0 7 2 7	0 7 2 6	0 7 2 7	0 7 2 6	0 7 2 7	0 5 5 5	0 7 2 7	0 7 2 6	0 7 2 7												
200 mg/kg	ANIMAL ID	0 0 0 0 7 6	0 0 0 0 7 7	0 0 0 0 7 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 8 8	0 0 0 0 9 9	* TOTALS																			
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46			
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50			
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49			
GENERAL BODY SYSTEM																														
Peritoneum																												1		
GENITAL SYSTEM																														
Epididymis		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hepatoblastoma, Metastatic, Liver																													1	
Preputial Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Prostate		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Carcinoma																													1	
Hemangiosarcoma																													X	1
Seminal Vesicle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Testes		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
HEMATOPOIETIC SYSTEM																														

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Lab: BAT

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

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Ginkgo biloba extract

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Date Report Requested: 04/13/2011

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

Urethra

1

Urinary Bladder Hemangiosarcoma

50
1

SYSTEMIC LESIONS

Multiple Organ Lymphoma Malignant

* .. Total animals with tissue examined microscopically; Total animals with tumor

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		DAY ON TEST	0 6 3 9	0 3 0 8	0 4 5 3	0 5 7 2	0 6 2 7	0 5 2 1	0 7 2 1	0 5 8 6	0 6 8 2	0 4 7 7	0 6 2 9	0 7 2 9	0 6 2 9	0 4 9 0	0 7 2 6	0 7 0 1	0 7 2 6	0 7 2 2				
		ANIMAL ID	0 0 1 0 1	0 0 1 0 2	0 0 1 0 3	0 0 1 0 4	0 0 1 0 5	0 0 1 0 6	0 0 1 0 7	0 0 1 0 8	0 0 1 0 9	0 0 1 1 0	0 0 1 1 1	0 0 1 1 2	0 0 1 1 3	0 0 1 1 4	0 0 1 1 5	0 0 1 1 6	0 0 1 1 7	0 0 1 1 8	0 0 1 1 9	0 0 1 2 0	0 0 1 2 1	0 0 1 2 2
B6C3F1 MICE MALE																								
600 mg/kg																								
males (cont...)																								
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatoblastoma, Metastatic, Liver																								
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																								
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
INTEGUMENTARY SYSTEM																								
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
MUSCULOSKELETAL SYSTEM																								
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Turbinate, Carcinoma, Metastatic, Harderian Gland																								
Skeletal Muscle																								
NERVOUS SYSTEM																								
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Neuroblastoma																								
Peripheral Nerve																								
RESPIRATORY SYSTEM																								

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Lab: BAT

Lymphoma Malignant

**males
(cont...)**

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	600 mg/kg	DAY ON TEST																									* TOTALS	
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			1	7	6	7	0	7	6	7	5	6	7	5	7	0	7	7	0	7	7	0	7	7	0	7	6	
			8	2	7	2	2	7	2	7	2	7	2	2	2	2	0	0	2	2	0	5	7	2	2	8	2	
			4	6	4	6	6	1	6	2	3	7	7	2	6	6	7	0	7	6	6	7	7	6	1	6	5	
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
				2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5
				6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	44
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																										1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																										1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma	X																									10
Hepatoblastoma, Multiple	X	X	X																							26
Hepatocellular Adenoma	X																									7
Hepatocellular Adenoma, Multiple	X	X	X	X	X	X																				26
Hepatocellular Carcinoma		X																								9
Hepatocellular Carcinoma, Multiple	X	X	X	X	X	X																				32
Mesentery																			+							3
Hepatoblastoma, Metastatic, Liver																										1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	600 mg/kg	DAY ON TEST	ANIMAL ID																					* TOTALS		
				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hepatoblastoma, Metastatic, Liver			1																							1
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Squamous Cell Papilloma			1																							1
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Tooth		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
CARDIOVASCULAR SYSTEM																										
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
ENDOCRINE SYSTEM																										
Adrenal Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hepatoblastoma, Metastatic, Liver																										1
Subcapsular, Adenoma																										X 1
Adrenal Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46		
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

*** TOTALS**

Thyroid Gland

- C-cell, Carcinoma
- Follicular Cell, Adenoma

GENERAL BODY SYSTEM

Peritoneum

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	600 mg/kg	DAY ON TEST	ANIMAL ID																									* TOTALS
				0 1 8 4	0 7 2 6	0 6 7 1	0 7 2 6	0 5 7 3	0 6 7 2	0 7 2 7	0 7 2 6	0 7 2 7	0 7 2 0															
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Hepatoblastoma, Metastatic, Liver																												1
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																												1
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
INTEGUMENTARY SYSTEM																												
Mammary Gland		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
MUSCULOSKELETAL SYSTEM																												
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Turbinate, Carcinoma, Metastatic, Harderian Gland																												1
Skeletal Muscle																												1
NERVOUS SYSTEM																												
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Neuroblastoma																												1
Peripheral Nerve																												1
RESPIRATORY SYSTEM																												

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	600 mg/kg	DAY ON TEST																										* TOTALS
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		ANIMAL ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
Lung			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Adenoma																												5
Alveolar/Bronchiolar Carcinoma			X		X																							4
Alveolar/Bronchiolar Carcinoma, Multiple																												1
Carcinoma, Metastatic, Harderian Gland																												1
Hepatoblastoma, Metastatic, Liver																												14
Hepatocellular Carcinoma, Metastatic, Liver																												8
Nose			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Trachea			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SPECIAL SENSES SYSTEM																												
Eye			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																												2
Carcinoma																												4
Hepatoblastoma, Metastatic, Liver																												1
URINARY SYSTEM																												
Kidney			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Urinary Bladder			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
SYSTEMIC LESIONS																												
Multiple Organ			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

		DAY ON TEST																					
		ANIMAL ID																					
B6C3F1 MICE MALE		600 mg/kg																				* TOTALS	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	7	6	7	7	6	7	5	6	7	5	7	7	7	7	0	0	7	7	7	7	7	6	7
8	2	7	2	2	7	2	7	7	2	2	2	2	2	0	0	2	2	0	2	2	2	8	2
4	6	4	6	6	1	6	2	3	7	7	6	6	7	0	7	6	6	5	7	7	6	1	5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9

Lymphoma Malignant

X

1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-0

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

DAY ON TEST																					males (cont...)	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	5	6	6	4	6	7	7	7	6	7	6	0	0	6	5	7	7	5	7	5	7	
	9	4	8	4	4	2	2	2	3	2	9	7	7	1	2	2	7	7	5	2	0	
	7	3	1	3	1	7	6	6	5	7	0	6	2	6	7	7	7	3	7	3	6	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	7	7	7
	1	2	3	4	5	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1

SYSTEMIC LESIONS

Multiple Organ

males
(cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	2000 mg/kg	DAY ON TEST																									* TOTALS	
			0 7	0 6	0 7	0 2	0 6	0 2	0 3	0 5	0 2	0 9	0 5	0 2	0 7	0 6	0 2	0 7	0 6	0 2	0 7	0 5	0 2	0 6	0 2	0 7		
ANIMAL ID	0 0	0 0	0 1																									
Hepatoblastoma, Metastatic, Liver																											X	1
Hepatocholangiocarcinoma, Metastatic, Liver																												1
Pancreas			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Salivary Glands			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Stomach, Forestomach			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Squamous Cell Papilloma, Multiple																											X	1
Stomach, Glandular			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Tooth			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
CARDIOVASCULAR SYSTEM																												
Blood Vessel			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Heart			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Hepatocholangiocarcinoma, Metastatic, Liver																												1
ENDOCRINE SYSTEM																												
Adrenal Cortex			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adrenal Medulla			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49	
Islets, Pancreatic			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Parathyroid Gland			+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	44	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE MALE	DAY ON TEST																									* TOTALS	
		0 7	0 6	0 7	0 7	0 7	0 6	0 6	0 7	0 6	0 6	0 7	0 5	0 6	0 6	0 7	0 6	0 7	0 5	0 7	0 7	0 6	0 7	0 7	0 7		
2000 mg/kg	ANIMAL ID	0 0																									
Bronchial, Hepatocarcinoma, Metastatic, Liver																											1
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymph Node, Mesenteric Hepatoblastoma, Metastatic, Liver		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Spleen Hemangiosarcoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	
Thymus		+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	45	
INTEGUMENTARY SYSTEM																											
Mammary Gland		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Skin Hepatoblastoma, Metastatic, Liver		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pinna, Amelanotic Melanoma, Malignant																											1
Tail, Schwannoma Nos																											1
MUSCULOSKELETAL SYSTEM																											
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle																											1
NERVOUS SYSTEM																											
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

Ear		+	1
Neural Crest Tumor		X	1
Eye	+	+	50
Harderian Gland	+	+	50
Adenoma	X		3
Carcinoma		X X	2

URINARY SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

SYSTEMIC LESIONS

Multiple Organ

50

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-0

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

Lymphoma Malignant

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																					1	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum Lymphoma Malignant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
																					1	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatoblastoma								X														1
Hepatocellular Adenoma	X	X																				7
Hepatocellular Adenoma, Multiple					X	X				X												10
Hepatocellular Carcinoma			X		X					X												7
Hepatocellular Carcinoma, Multiple																			X			2
Histiocytic Sarcoma																				X		1
Lymphoma Malignant																			X			6
Mesentery																				+		3

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TDMS No. 99031 - 04

Test Type: CHRONIC

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Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE	0 mg/kg	DAY ON TEST	ANIMAL ID	* TOTALS																							
				0 7 2 7	0 7 2 8	0 7 2 8	0 6 5 9	0 0 1 4	0 7 2 7	0 7 2 9	0 0 1 5	0 7 2 7	0 7 2 7	0 4 5 3	0 7 2 8	0 5 3 1	0 7 2 7	0 7 0 0	0 0 6 6	0 0 2 8	0 0 2 8	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0		
Lymphoma Malignant																									X		1
Oral Mucosa																											1
Gingival, Squamous Cell Carcinoma																											1
Pancreas				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																									X		1
Salivary Glands				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma																									X		1
Lymphoma Malignant																											3
Stomach, Forestomach				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Papilloma																									X		2
Stomach, Glandular				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Tooth				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
CARDIOVASCULAR SYSTEM																											
Blood Vessel				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
ENDOCRINE SYSTEM																											
Adrenal Cortex				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymphoma Malignant																									X		4
Adrenal Medulla				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST																										* TOTALS		
		0 7 2 7	0 7 2 8	0 6 5 9	0 0 1 4	0 7 2 7	0 7 2 9	0 0 1 5	0 7 2 7	0 7 2 7	0 4 5 3	0 7 2 8	0 5 3 1	0 7 2 7	0 7 0 8	0 5 2 9	0 7 2 7	0 7 0 6	0 0 2 8	0 0 2 8	0 0 2 8	0 0 2 0							
0 mg/kg	ANIMAL ID	0 0 2 2 2 6	0 0 2 2 2 7	0 0 2 2 2 8	0 0 2 2 3 0	0 0 3 3																							
		0 0 2 2 2 6	0 0 2 2 2 7	0 0 2 2 2 8	0 0 2 2 3 0	0 0 3 3																							
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	47		
Pituitary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pars Distalis, Adenoma		X																										4	
Pars Intermedia, Adenoma																												1	
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
GENERAL BODY SYSTEM																													
NONE																													
GENITAL SYSTEM																													
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Ovary		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Choriocarcinoma																													1
Cystadenoma																													2
Hemangiosarcoma																													1
Histiocytic Sarcoma																													1
Lymphoma Malignant																													2
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Polyp Stromal																													1
Sarcoma Stromal																													1
HEMATOPOIETIC SYSTEM																													

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST																											* TOTALS	
		0 7 2 7	0 7 2 8	0 6 5 9	0 0 1 4	0 7 2 7	0 7 2 9	0 0 1 5	0 7 2 7	0 7 2 7	0 4 5 3	0 7 2 8	0 5 2 1	0 7 7 7	0 5 8 9	0 7 2 7	0 7 0 0	0 0 6 6	0 0 2 8	0 0 2 0	0 0 2 8	0 0 2 0	0 0 2 8	0 0 2 0					
0 0 2 2 2 2 6	0 0 2 2 2 3 7	0 0 2 2 2 3 8	0 0 2 2 2 3 9	0 0 2 2 3 3 0	0 0 2 2 3 3 1	0 0 2 2 3 3 2	0 0 2 2 3 3 4	0 0 2 2 3 3 5	0 0 2 2 3 3 6	0 0 2 2 3 3 7	0 0 2 2 3 3 8	0 0 2 2 3 3 9	0 0 2 2 3 4 0	0 0 2 2 3 4 1	0 0 2 2 3 4 2	0 0 2 2 3 4 3	0 0 2 2 3 4 4	0 0 2 2 3 4 5	0 0 2 2 3 4 6	0 0 2 2 3 4 7	0 0 2 2 3 4 8	0 0 2 2 3 4 9	0 0 2 2 3 5 0						
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Histiocytic Sarcoma																										X	1		
Lymph Node		+																										16	
Iliac, Lymphoma Malignant																										X	1		
Lumbar, Histiocytic Sarcoma																											X	1	
Lumbar, Lymphoma Malignant																												1	
Mediastinal, Histiocytic Sarcoma																												X	1
Mediastinal, Lymphoma Malignant																													2
Pancreatic, Lymphoma Malignant																													2
Renal, Histiocytic Sarcoma																											X	1	
Renal, Lymphoma Malignant																													2
Lymph Node, Mandibular		+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Histiocytic Sarcoma																										X	1		
Lymphoma Malignant																												3	
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Histiocytic Sarcoma																										X	1		
Lymphoma Malignant																												4	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Hemangiosarcoma																													1
Histiocytic Sarcoma																											X	1	
Lymphoma Malignant																													10
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																										X	4		

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE 0 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS	
		0 7 2 7	0 7 2 8	0 5 9	0 1 4	0 2 7	0 2 8	0 2 9	0 1 5	0 2 7	0 2 7	0 2 7	0 3 8	0 3 1	0 2 7	0 2 7	0 2 8	0 2 9	0 2 7	0 2 0	0 2 6	0 2 8	0 2 0				
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Basal Cell Carcinoma																										1	
Melanoma Malignant																										1	
Sarcoma																										X	
Subcutaneous Tissue, Sarcoma																										2	
MUSCULOSKELETAL SYSTEM																											
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Skeletal Muscle															+												1
Hemangiosarcoma															X												1
NERVOUS SYSTEM																											
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																											1
Peripheral Nerve																											1
RESPIRATORY SYSTEM																											
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Alveolar/Bronchiolar Carcinoma															X												1
Hepatocellular Carcinoma, Metastatic, Liver																											3
Histiocytic Sarcoma																											X
Lymphoma Malignant																											3
Sarcoma, Metastatic, Skin																											1

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+ .. Tissue examined microscopically

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

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Date Report Requested: 04/13/2011

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE 0 mg/kg	DAY ON TEST ANIMAL ID																					* TOTALS		
		0 7 2 7	0 7 2 8	0 6 5 9	0 0 1 4	0 7 2 7	0 7 2 9	0 0 1 5	0 7 2 7	0 7 2 7	0 4 5 3	0 7 2 8	0 5 3 1	0 7 2 7	0 7 2 8	0 5 2 9	0 7 2 7	0 7 0 0	0 0 2 6	0 0 2 8	0 0 2 8	0 0 2 0		
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																							1	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
SPECIAL SENSES SYSTEM																								
Ear		+																						1
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	X	+	+	+	+	50	
Adenoma																			X	+	+	+	5	
Carcinoma																							1	
Lymphoma Malignant																							2	
URINARY SYSTEM																								
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																			X				1	
Lymphoma Malignant																							4	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																			X				1	
Lymphoma Malignant																							1	
SYSTEMIC LESIONS																								
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																			X				1	

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TDMS No. 99031 - 04

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Route: GAVAGE

Species/Strain: MICE/B6C3F1

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TDMS No. 99031 - 04

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CAS Number: 90045-36-6

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE		DAY ON TEST	Data Columns (0-29)																								
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 mg/kg		ANIMAL ID	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259	0678259
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

Ovary
Cystadenoma
Lymphoma Malign

Uterus Lymphoma Malignant

HEMATOPOIETIC SYSTEM

Bone Marrow

Lymph Node
Bronchial, Lymphoma Malignant
Iliac, Lymphoma Malignant

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+ .. Tissue examined microscopically

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

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Ginkgo biloba extract

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Date Report Requested: 04/13/2011

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First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

INTEGUMENTARY SYSTEM

Mammary Gland Carcinoma

Skin

Sarcoma

Subcutaneous Tissue, Sarcoma

Tail, Melanoma Malignant

MUSCULOSKELETAL SYSTEM

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE 200 mg/kg	DAY ON TEST ANIMAL ID	females (cont...)																								
		0 6 8 5	0 7 2 9	0 6 3 4	0 6 8 5	0 7 2 9	0 7 2 7	0 7 2 9	0 7 2 8	0 7 2 8	0 7 2 9	0 7 2 7	0 7 2 7	0 6 5 6	0 6 8 5	0 6 2 9	0 6 5 9	0 6 2 8	0 6 5 8	0 6 2 9	0 6 5 9	0 6 2 8	0 6 5 8	0 6 2 8		
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Retrobulbar, Lymphoma Malignant																										X
Harderian Gland Adenoma		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymphoma Malignant																										X
URINARY SYSTEM																										
Kidney Lymphoma Malignant		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
																										X
Urinary Bladder Lymphoma Malignant		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
																										X
SYSTEMIC LESIONS																										
Multiple Organ Histiocytic Sarcoma Lymphoma Malignant		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
		X																								

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

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BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE	200 mg/kg	DAY ON TEST	ANIMAL ID																									* TOTALS	
				0 7 2 9	0 7 2 8	0 7 2 9	0 5 0 6	0 7 0 4	0 7 2 7	0 7 2 8	0 4 2 7	0 7 2 9	0 7 2 7	0 7 2 9	0 7 2 8	0 4 2 8	0 7 2 8	0 7 2 8	0 7 2 8	0 7 2 7	0 7 2 9	0 7 2 7	0 7 2 9	0 7 2 7					
Lymphoma Malignant																												2	
Salivary Glands				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																												1	
Sarcoma, Metastatic, Skin				0 0 2 7 6	0 0 2 7 7	0 0 2 8 8	0 2 2 8 0	0 2 2 8 1	0 2 2 8 2	0 2 2 8 3	0 2 2 8 4	0 2 2 8 5	0 2 2 8 6	0 2 2 8 7	0 2 2 8 8	0 2 2 8 9	0 2 2 9 0	0 2 2 9 1	0 2 2 9 2	0 2 2 9 3	0 2 2 9 4	0 2 2 9 5	0 2 2 9 6	0 2 2 9 7	0 2 2 9 8	0 2 2 9 9	0 2 2 9 0	X	1
Stomach, Forestomach				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Squamous Cell Papilloma																												1	
Stomach, Glandular				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																												1	
Tooth				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
CARDIOVASCULAR SYSTEM																													
Blood Vessel				+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49		
Heart				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																												2	
ENDOCRINE SYSTEM																													
Adrenal Cortex				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Lymphoma Malignant																												2	
Adrenal Medulla				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		
Pheochromocytoma Benign																												1	
Pheochromocytoma Malignant																												1	
Islets, Pancreatic				+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50		

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE	DAY ON TEST																					* TOTALS	
		0 7 2 9	0 7 2 8	0 7 2 9	0 5 0 6	0 7 0 4	0 7 2 7	0 7 2 8	0 4 2 7	0 7 2 9	0 7 2 7	0 7 2 9	0 7 2 8	0 4 2 8	0 7 2 8	0 7 2 7	0 7 2 9	0 7 2 7	0 7 2 9	0 7 2 7			
200 mg/kg	ANIMAL ID	0 0 2 7 6	0 0 2 7 7	0 0 2 8 0	0 0 2 9 1	0 0 2 3	0 0 2 4	0 0 2 5	0 0 2 6	0 0 2 7	0 0 2 8	0 0 2 9											
Inguinal, Lymphoma Malignant																					2		
Lumbar, Lymphoma Malignant																					1		
Mediastinal, Lymphoma Malignant																					3		
Renal, Lymphoma Malignant																					2		
Lymph Node, Mandibular																					50		
Histiocytic Sarcoma																					1		
Lymphoma Malignant																					4		
Lymph Node, Mesenteric																					50		
Histiocytic Sarcoma																					1		
Lymphoma Malignant																					4		
Spleen																					50		
Histiocytic Sarcoma																					1		
Lymphoma Malignant																					8		
Thymus																					49		
Lymphoma Malignant																					3		
INTEGUMENTARY SYSTEM																							
Mammary Gland																					50		
Carcinoma																					1		
Skin																					50		
Sarcoma																					1		
Subcutaneous Tissue, Sarcoma																					2		
Tail, Melanoma Malignant																					1		
MUSCULOSKELETAL SYSTEM																							
* .. Total animals with tissue examined microscopically; Total animals with tumor																					M .. Missing tissue		
+ .. Tissue examined microscopically																					A .. Autolysis precludes evaluation		
X .. Lesion present																					BLANK .. Not examined microscopically		
I .. Insufficient tissue																							

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

* .. Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE 200 mg/kg	DAY ON TEST ANIMAL ID																									* TOTALS
		0 7 2 9	0 7 2 8	0 7 2 9	0 5 0 6	0 7 0 4	0 7 2 7	0 7 2 8	0 4 2 7	0 7 2 9	0 7 2 7	0 7 2 8	0 4 2 8	0 7 2 8	0 7 2 8	0 7 2 7	0 7 2 8	0 7 2 8	0 7 2 7	0 7 2 9	0 7 2 7	0 7 2 9	0 7 2 7	0 7 2 9		
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Retrobulbar, Lymphoma Malignant																										1
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma																										3
Lymphoma Malignant																										1
URINARY SYSTEM																										
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																										2
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Lymphoma Malignant																										2
SYSTEMIC LESIONS																										
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Histiocytic Sarcoma																										1
Lymphoma Malignant																										9

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-0

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

INTEGUMENTARY SYSTEM

Mammary Gland Carcinoma

Skin
Subcutaneous Tissue, Histiocytic Sarcoma
Tail, Fibrous Histiocytoma

MUSCULOSKELETAL SYSTEM

Bone

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

B6C3F1 MICE FEMALE	600 mg/kg	ANIMAL ID	DAY ON TEST																								females (cont...)
			07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	07	
			29	7	8	7	7	7	9	7	8	7	8	8	9	7	8	9	7	7	7	7	8	7	7	9	
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
			0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	
			1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	

NERVOUS SYSTEM

Brain
Histiocytic Sarcoma

Peripheral Nerve

Spinal Cord

+ +

RESPIRATORY SYSTEM

Lung
Alveolar/Bronchiolar Carcinoma
Hepatoblastoma, Metastatic, Liver
Hepatocellular Carcinoma, Metastatic, Liver
Histiocytic Sarcoma
Lymphoma Malignant

+ +

X

X

X

Nose

+ +

Trachea

+ +

SPECIAL SENSES SYSTEM

Eye

+ +

Harderian Gland
Adenoma
Carcinoma
Lymphoma Malignant

+ +

X

X

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

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BLANK .. Not examined microscopically

I .. Insufficient tissue

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 |
| ANIMAL ID | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 2 | 2 | 2 | 2 | 2 |
| | 9 | 7 | 8 | 7 | 7 | 7 | 9 | 7 | 9 | 8 | 7 | 8 | 8 | 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 9 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 |

URINARY SYSTEM

Kidney
Lymphoma Malignant

Urinary Bladder Lymphoma Malignant

SYSTEMIC LESIONS

Multiple Organ Histiocytic Sarcoma Lymphoma Malignant

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

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+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| B6C3F1 MICE FEMALE
600 mg/kg | DAY ON TEST
ANIMAL ID | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---------------------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|
| | | 07
28 | 07
29 | 07
27 | 07
29 | 07
27 | 06
28 | 07
29 | | |
| Pancreas | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Histiocytic Sarcoma | | | | | | | X | | | | | | | | | | | | | | | | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Salivary Glands | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Stomach, Forestomach | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Stomach, Glandular
Adenoma | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Tooth | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Heart | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | 1 |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Adrenal Medulla | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Islets, Pancreatic | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 |
| Parathyroid Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 45 |
| Pituitary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| | | DAY ON TEST | 0
7
2
8 | 0
7
2
9 | 0
5
8
7 | 0
7
2
8 | 0
6
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
8 | 0
7
2
7 | 0
7
2
9 | 0
7
2
7 | 0
7
2
7 | 0
7
2
4 | 0
7
2
8 | 0
7
2
9 | 0
7
2
7 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | 0
7
2
9 | | |
|---------------------------|--|-------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | ANIMAL ID | 0
0
3
2
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
3
0 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
3 | 0
0
3
3
4 | 0
0
3
3
5 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
3
0 | 0
0
3
3
1 | 0
0
3
3
2 | 0
0
3
3
3 | 0
0
3
3
4 | 0
0
3
3
5 | 0
0
3
3
6 | 0
0
3
3
7 | 0
0
3
3
8 | 0
0
3
3
9 | 0
0
3
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0 |
| B6C3F1 MICE FEMALE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 600 mg/kg | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| B6C3F1 MICE FEMALE | 600 mg/kg | DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-----------|-------------|-----------|------------------|------------------|------------------|------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----|----------|
| | | | | 0
7
2
8 | 0
7
2
9 | 0
7
2
7 | 0
5
8
7 | 0
7
2
8 | 0
6
9 | 0
7
2 | | |
| Mediastinal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 2 |
| Pancreatic, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Renal, Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Lymphoma Malignant | | | | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | |
| Lymph Node, Mesenteric | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Spleen | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Thymus | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Carcinoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Skin | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Subcutaneous Tissue, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 |
| Tail, Fibrous Histiocytoma | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-0

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 49 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | X | | | | | 1 |
| Peripheral Nerve | | | | | | | | | | | | | | | | | + | | | | | | 1 |
| Spinal Cord | | | | | | | | | | | | | | | | | + | | | | | | 1 |

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

URINARY SYSTEM

Kidney
Lymphoma Malignant

Urinary Bladder Lymphoma Malignant

SYSTEMIC LESIONS

Multiple Organ Histiocytic Sarcoma Lymphoma Malignant

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| | | DAY ON TEST | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|--|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------------|---|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | 7 | 4 | 7 | 7 | 6 | 7 | 6 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 9 | 4 | 2 | 1 | 2 | 2 | 2 | 9 | 9 | 2 | 9 | 2 | 9 | 2 | 9 | 2 |
| | | 8 | 9 | 9 | 8 | 9 | 8 | 3 | 4 | 8 | 9 | 8 | 7 | 7 | 3 | 8 | 8 | 9 | 8 | 9 | 7 | 7 | 6 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 |

Osteosarcoma, Metastatic, Bone

| | |
|---------------------|---|
| Mesentery | + |
| Histiocytic Sarcoma | X |

| | |
|----------------------|---|
| Pancreas | + |
| Fibrous Histiocytoma | + |

| | |
|--------------------|---|
| Salivary Glands | + |
| Lymphoma Malignant | + |

| | |
|----------------------|---|
| Stomach, Forestomach | + |
|----------------------|---|

| | |
|--------------------|---|
| Stomach, Glandular | + |
|--------------------|---|

| | |
|-------|---|
| Tooth | + |
|-------|---|

CARDIOVASCULAR SYSTEM

| | |
|--------------|---|
| Blood Vessel | + |
|--------------|---|

| | |
|---------------------|---|
| Heart | + |
| Histiocytic Sarcoma | + |

ENDOCRINE SYSTEM

| | |
|----------------------|---|
| Adrenal Cortex | + |
| Fibrous Histiocytoma | + |
| Leukemia Myeloid | X |

| | |
|-----------------|---|
| Adrenal Medulla | + |
|-----------------|---|

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-0

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

Islets, Pancreatic

Parathyroid Gland

Pituitary Gland Pars Intermedia, Adenoma

Thyroid Gland

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland

Ovary
Cystadenoma
Fibrous Histiocytoma
Hemangioma
Histiocytic Sarcoma
Lymphoma Malignant

Uterus
Histiocytic Sarcoma

HEMATOPOIETIC SYSTEM

Bone Marrow

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| B6C3F1 MICE FEMALE
2000 mg/kg | DAY ON TEST
ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | females
(cont...) | |
|----------------------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------|---|
| | | 07
28 | 07
29 | 07
29 | 07
28 | 05
33 | 06
33 | 07
33 | 06
33 | 07
33 | 07
33 | 06
33 | 07
33 | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | + | + |
| Iliac, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | X | X |
| Renal, Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | X | X |
| Lymph Node, Bronchial | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leukemia Myeloid | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node, Mandibular | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymph Node, Mesenteric | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Leukemia Myeloid | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Spleen | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Leukemia Myeloid | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Thymus | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Leukemia Myeloid | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | | | X |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Keratoacanthoma | | | | | | | | | | | | | | | | | | | | | | | | | | | + |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

URINARY SYSTEM

Kidney
Fibrous Histiocytoma

X

Urinary Bladder
Fibrous Histiocytoma
Lymphoma Malignant

X

7

SYSTEMIC LESIONS

Multiple Organ
Histiocytic Sarcoma
Leukemia Myeloid
Lymphoma Malignant

8

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

| | | DAY ON TEST | | ANIMAL ID | | * TOTALS | |
|--------------------------------|--|------------------|------------------|------------------|------------------|------------------|------------------|
| B6C3F1 MICE FEMALE | | 0
7
2
9 | 0
7
2
7 | 0
7
2
8 | 0
7
2
8 | 0
0
0
0 | 0
0
0
0 |
| 2000 mg/kg | | 7
9 | 7
7 | 7
8 | 7
8 | 0
0
0
0 | 0
0
0
0 |
| | | 3
7
6 | 3
7
7 | 3
8
9 | 3
8
9 | 3
3
3 | 3
3
3 |
| | | 3
6 | 3
0 | 3
1 | 3
2 | 3
4 | 3
5 |
| Osteosarcoma, Metastatic, Bone | | | | | | X | 1 |
| Mesentery | | | | | + | | |
| Histiocytic Sarcoma | | | | | | X | |
| Pancreas | | | | | + | | |
| Fibrous Histiocytoma | | | | | | X | |
| Salivary Glands | | | | | + | | |
| Lymphoma Malignant | | | | | | X | |
| Stomach, Forestomach | | | | | + | | |
| Stomach, Glandular | | | | | | X | |
| Tooth | | | | | + | | |
| CARDIOVASCULAR SYSTEM | | | | | | | |
| Blood Vessel | | | | | + | | |
| Heart | | | | | | X | |
| Histiocytic Sarcoma | | | | | + | | |
| ENDOCRINE SYSTEM | | | | | | | |
| Adrenal Cortex | | | | | + | | |
| Fibrous Histiocytoma | | | | | | X | |
| Leukemia Myeloid | | | | | + | | |
| Adrenal Medulla | | | | | | X | |

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

INTEGUMENTARY SYSTEM

Mammary Gland

Skin
Keratoacanthoma

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-0

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 50 | |
| Alveolar/Bronchiolar Adenoma | | | | | | | X | | | | | | | | | | | | | | | | | | 1 |
| Alveolar/Bronchiolar Carcinoma | | | | | | | | | | | | | | X | X | | | | | | | | | | 3 |
| Hepatocellular Carcinoma, Metastatic, Liver | X | | | | | | X | | | | | | | | | | | | | | | | | | 5 |
| Histiocytic Sarcoma | | | | | | | | | | | | | | | | X | | | | | | | | | 2 |
| Lymphoma Malignant | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Osteosarcoma, Metastatic, Bone | | | | | | | | | | | | | | | | | | | | | | | X | | 1 |

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99031 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Ginkgo biloba extract

CAS Number: 90045-36-6

Date Report Requested: 04/13/2011

Time Report Requested: 14:43:06

First Dose M/F: 03/17/05 / 03/18/05

Lab: BAT

URINARY SYSTEM

SYSTEMIC LESIONS

*** END OF REPORT ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
X .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically